

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jacques DUMAS et al.

Serial No.: 10/071,248

Group Art Unit: 1625

Filed: February 11, 2002

Examiner: Rita J. Desai

METHOD AND/OR PROCESS FOR PREPARING ω-CARBOXYARYL SUBSTITUTED DIPHENYL UREAS AS RAF KINASE INHIBITORS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Based on information from foreign associates, it is believed that at least Iranian No. 26555 and Lebanese No. 6124 are patented applications filed in the English language and registered. Copies of the registration certificates and the applications filed are provided herewith.

Iran Patent No. 26555 was filed on January 13, 2000 and Lebanese Patent No. 6124 was filed on January 12, 2000

Pursuant to 37 CFR §1.97 and §1.98, Applicant identifies the following related copending applications.

Title: Inhibition of RAF Kinase Activity Using Aryl Ureas

Inventor(s): Jill Wood et al.

Filed January 8, 2001, Serial No. 09/755,060

Status: Published

Title: Inhibition of p38 Kinase Activity by Aryl Ureas

Inventor(s): Gerald Ranges et al.

Filed September 7, 2001, Serial No. 09/947,761

Title: Inhibition of p38 Kinase by Aryl Ureas

Inventor(s): Gerald Rogers et al.

Filed May 21, 1998, Serial No. PCT/US98/10375

Title: Inhibition of RAF Kinase Using Symmetrical and

Unsymmetrical

Substituted Diphenyl Ureas

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Inventor(s): Scott Miller et al.

Filed December 22, 1998, Serial No. 09/776,936

Title: Inhibition of RAF Kinase Using Substituted Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed: August 18, 2000, Serial No. 09/640,780

Title: Inhibition of RAF Kinase Using Substituted Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed December 22, 1998, PCT/US98/26078

Title: Inhibition of RAF Kinase Using Aryl and Heteroaryl Substituted

Heterocyclic Ureas

Inventor(s): William Scott et al.

Filed December 27, 1998, Serial No. 09/472,232

Title: Inhibition of RAF Kinase Using Aryl and Heteroaryl Substituted

Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed December 22, 1998, PCT/US98/26082

Title: Inhibition of P38 Kinase Activity Using Symmetrical and

Unsymmetrical Diphenyl Ureas Inventor(s): Scott Miller et al.

Filed February 1, 2002, Serial No. 10/060,396

Title: Inhibition of p38 Kinase Using Symmetrical and Unsymmetrical

Diphenyl Ureas

Inventor(s): Scott Miller et al.

Filed: December 22, 1998, PCT/US98/27265

Title: Inhibition of P38 Kinase Using Substituted Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed December 10, 1999, Serial No. 09/458,014

Title: Inhibition of p38 Kinase Activity Using Substituted Heterocyclic

Ureas

Inventor(s): Jacques Dumas et al.

Filed December 22, 1998, PCT/US98/26080

Title: Inhibition of p38 Kinase Activity Using Aryl and Heteroaryl

Substituted Heterocyclic Ureas Inventor(s): Jacques Dumas et al.

Filed December 22, 1998, Serial No. 09/776,935

Title: Inhibition of p38 Kinase Activity Using Aryl and Heteroaryl

Substituted Heterocyclic Ureas Inventor(s): Jacques Dumas et al.

Filed: December 22, 1998, PCT/US98/26079

Title: Inhibition of RAF Kinase Quinolinyl, Isoquinolinyl or Pyridyl

Ureas

Inventor: Jacques Dumas et al.

Filed April 19, 2002, Serial No. 10/125,369

Title: Heteroaryl Ureas Containing Nitrogen Hetero-Atoms As p38

Kinase Inhibitors

Inventor: Jacques Dumas et al.

Filed April 20, 2001, Serial No. 09/838,286

Title: Heteroaryl Ureas Containing Nitrogen Hetero-Atoms As p38

Kinase Inhibitors

Inventor: Jacques Dumas et al.

Filed April 18, 2002, Serial No. PCT/US02/12064

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors Inventor: Bernd Riedl et al.

Filed: September 10, 2001, Serial No. 09/948,915

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors

Inventor: Bernd Riedl et al.

Filed: January 12, 2000, Serial No. PCT/US00/00648

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors

Inventor: Bernd Riedl et al.

Filed: July 12, 2001, National Phase of (09/889,227)

(PCT/US00/00648)

Title: Inhibition of Raf Kinase Using Quinolinyl, Isoquinolinyl and

Pyridinyl Ureas

Inventor: Jacques Dumas et al.

Filed February 7, 2001, Serial No. 09/777,920

Title: Inhibition of Raf Kinase Using Quinolinyl, Isoquinolinyl

and Pyridinyl Ureas

Inventor: Jacques Dumas et al.

Filed: January 7, 2002, Serial No. PCT/US02/03361

Title: Method and/or Process for Preparing w-Carboxyaryl Substituted

Diphenyl Ureas as raf Kinase Inhibitors

Filed February 11, 2002, Serial No. 10/071,248

Title: Omega-Carboxy Aryl Substituted Diphenyl Ureas as p38 Kinase

Inhibitors

Inventor: Bernd Riedl et al.

Filed March 12, 2002, Serial No.10/086,417

Title: Aryl Ureas With Angiogenisis Inhibiting Activity

Inventor(s): Jaques Dumas et al.

Filed February 11, 2002, Serial No.60/354,950

Title: ω-Carboxyaryl Substituted Diphenyl Ureas as RAF Kinase

Inhibitors

Inventor(s): Riedl et al.

Filed November 27, 2001, Serial No. 09/993,647

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors

Inventor(s): Riedl et al.

Filed January 11, 2002, Serial No. 09/758,266

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors

Inventor: Riedl et al.

Filed: July 19, 2001, Serial No. 09/907,970

Title: Aryl Urea Compounds In Combination with Other Cytostatic or

Cytotoxic Agents For Treating Human Cancers Filed December 3, 2001, S.N. 60/334,609

Title: Aryl Ureas As Kinase Inhibitors

Inventor: Jacques Dumas.

Filed: February, 11, 2002, S.N. 60/354,937,

Title: Aryl Ureas With raf Kinase and Angiogenisis Inhibiting Activity

Inventor: Jaques Dumas

Filed: February, 11, 2002, S.N. 60/354,948

Title:Pyridine, Quinoline and Isoquinoline N-oxides as Kinase

Inhibitors

Inventor: Jacques Dumas

Filed: February, 11, 2002, S.N. 60/354,935

Title: Aryl Ureas With Angiogenisis Inhibiting Activity

Inventor: Jacques Dumas, et. al.

Filed February 11, 2003, Serial No.10/361,858

Title: ω-Carboxyaryl Substituted Diphenyl Ureas as RAF Kinase

Inhibitors

Inventor(s): Riedl et al.

Filed November 27, 2001, Serial No. 09/993,647

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors

Inventor(s): Riedl et al.

Filed January 11, 2002, Serial No. 10/242,226

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors

Inventor: Riedl et al.

Filed: July 19, 2001, Serial No. 09/907,970

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors

Inventor: Riedl et al.

Filed: October 30, 2002, Serial No. 10/283,248

Title: Aryl Urea Compounds In Combination with Other Cytostatic or Cytotoxic Agents ForTreating Human Cancers

Inventor: Carter et al

Filed December 3, 2002, S.N. 10/308,187

Title: Aryl Ureas As Kinase Inhibitors

Inventor: Jacques Dumas.

Filed: February, 11, 2003, S.N. 10/361,859

Title: Aryl Ureas With raf Kinase and Angiogenisis Inhibiting Activity

Inventor: Jaques Dumas

Filed: February, 11, 2003, S.N. 10/361,844

Title: Pyridine, Quinoline and Isoquinoline N-oxides as Kinase

Inhibitors

Inventor: Jacques Dumas

Filed: February, 11, 2003, S.N. 10/361,850

FEES

No fee is believed due because this submission is filed with an RCE. However, if a fee is deemed necessary the Commissioner is hereby authorized to charge any fees associated with this response or credit any overpayment to Deposit Account No. 13-3402.

Respectfully submitted,

Richard J. Traverso (Reg. No. 30,595)

Attorney/Agent for Applicants

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Attorney Docket No.: BAYER 15P4

Date: December 15,2003

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ادوروار با فقعان مید راحند، مراشتل استوراید	اشجاب «فقربه». اشجاب «فقربه».
	دکتر علی لقایی و معکار ان
	و رانا از طرف ، سسبیره <u>کو ریوه پیشن سسسسس</u> سه.
	BAYER CORPORATION
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BAYER GURPORATION ثبت نمائيد	ر المراجعة ا
ـ رسید پر داخت هزینه قانونی ۴ ـ و کالت نامه	المنتكاء فانوني خودرا در تهران بآدرس زير تعين مينمايي المنتكاء فانوني خودرا در تهران بآدرس زير تعين مينمايي المنتكاء فانوني خودرا در تهران بآدرس زير تعين مينمايي المنتكاء فانوني خودرا در تهران بآدرس زير تعين مينمايي المنتكاء فانوني خودرا در تهران بآدرس زير تعين مينمايي المنتكاء فانوني خودرا در تهران بآدرس و تهران منتوان المنتكاء فانوني خودرا در تعين اوره هاي ديا منيل بسنو ان سانم تونده هاي تعينا يوره هاي ديا منيل بسنو ان سانم تونده هاي تعينا يوره هاي ديا منيل بسنو ان سانم تونده هاي تعينا يوره هاي ديا منيل بسنو ان سانم تونده هاي تعينا يوره هاي ديا منيل بسنو ان سانم تونده هاي تعينا يوره هاي ديا منيل بسنو ان سانم تونده هاي تعينا يوره هاي ديا منيل بسنو ان سانم تونده هاي تعينا يوره بالمناز يوره بالمنز يوره بالمناز يوره بالمنز يوره بال
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· بناء على مشروع للقانون للمنفذ بموجب للمرموم رقم ٦٨٢١ تاريخ ٢٨ كانون الاول ١٩٧٣ ، (تحديد مهام وملكات وزارتي الاقتصاد والتجارة والصناعة والنفط) ،

بناء على القرار رقم ٢٣٨٥ الصادر في ١٧ كانون الثاني ١٩٢٤ وتعديلاته (نظام حقوق الملكية التجاريسية والصناعية) ولا سيما المادة ١٤ منسسسية ،

بناء على القرار رقم ١٥٦ الصادر في ١٦ تموز ١٩٣٩ (تطبيق الناق التحاد باريس المتعلق بحماية الملكية الصداعية المورخ في ١٩٨٣/٣/٢٠) ،

بناء على الطلب المقتم بتاريخ ٢٠٠٠/٠١/١٢ من شركة سلبا وشركاهم مركزها في بيروت بناية شركة التلمين العربية، شارع فينيقيا بصفتها علملة باسم ولعساب شركة باير كوربوريشن مركزها في ١٠٠ باير رود، مدينة بيتسبورغ، ولاية بنسلفاتيا، الولايات العتصدة الأميركية

بناه على محضر لبذاع الطلب المنكور المنظم من قبل رئيس مصلحة حماية الملكية الفكرية بتاريخ ٢٠٠٠/٠١/١٢

يقسسور ما يأسسي:

المادة الأولى: العادة الأولى: الولايات المتحدة الأميركية براءة لغتراع تتعلق ألم "طريقة لتحضير مركبات بول ديفينيل مستبدئة من كاربو كسياريل كانزيمات مثبطة"

Process for preparing carboxyaryl substituted diphenyl ureas as raf kinase inhibitors

وذلك لمدة خمس عشرة سلة تبتدئ منذ تاريخ ليداع الطلب المقدم في ٢٠٠٠/٠١/١٢ والمسجل تحت رقم ٢١٢٤ مع التمتع بحق الأولوية استناداً إلى الطلبات المودعة في الولايات المتحدة الأموركية تحت الأرقام ١٠/١٥،٨٧٧ تاريخ ١٢ كانون الثاني ١٩٩٩

المدة الثانية: ... بنمتع حلمل هذه البراءة بجميع الحقوق والولجبات المنصوص عليها في القرار رقم ١٩٩٥ و٢٣ مترين الاول ١٩٩٩ و٢٣٨٠ المنصوص عليها في القرار رقم ٢٣٨٥ وتعديلته، مسع مراعاة لحكام المدادة ١٤ منه التي تتضمن أن هذه البراءة تعطى بنون الني ضمائة في ما يختص بحقيقة الاختراع لو فضله لولمتكاره ولا سيما في ما يختص بأمانة وصفه لو صحته لو صحته .

المادة الثالثة: _ بنشــر هذا التـــرار في الجريدة الرسمية ويبلغ الى صاحب العلاقـــة. __

بيزوت، في ع أيسار معه ا وزيسر الإهمساد والتبسيرة

د. ناصر السعيدي



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	G	3745,874	05-1956	SCHE	TTYET	AL	·		587	052X
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7	A	3,424,760	01-1964	HELSLEY E		1	
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1	c ·	34547/2	01-1969	HALSLEY ET	p2	598	22/
1	_	4,009,847	03-1977	ALDRICH E	TAL	1227	<u> </u>
7	E į	4071.534	01-1978	BANITT		548	55/
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(See Manual of Patent Examining Procedure, Section 707.05(a).)

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+	Caplus 95:61995, Abstra	ct JP 55182772 , Sub	stituted acetic derivative	res., Shionagi & Co	•		5/23/1980
١			,		•		
	Caplus 86:72448, Abstra	ct .IP 57053785. Pvnc	dine deravatives, Maed	la Ryozo et al			11/15/1982
	Caplus 86:72446, ADSU 4		•				11/13/1902
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1	Caplus 84:180049, Abstr	ract JP 56029871, Ha	mada Yoshinon et al	•			7/10/1981
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1	•	act JP 58021626, Mae	eda Ryozo et al	•	<u></u> .		5/2/1983
+	Caplus 84:43857, Abstra	act JP 58021626, Mae	eda Ryozo et al				5/2/1983

U. S. Patent and Trademan Office PTO-892 (Rev. 9-95) Notice of References Cited

	DIPE	•	Application No	Applicant(s)	Riedl et	.i	
	Votice of Refere	nces Cited	Examiner William R. A		Group Art Unit 1614	Pa	ge 1 of 1
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u. S. Patent # PTO-892 : Office 95)

Notice of References Cited

OIPA	Applicant/Patent _Miller et al	Application	ol No. 158,015
Notice of References Cited	Examiner Déborah Lambkin	Art Unit 1626	Page 1 of 1
E DEC † 8 mm 3			

E	, A		U.S. PATENT DOCUMENTS Name	Class	ification 2
T	Country Char Number Kind Code	Date MM-YYYY		514	349
A	5,696,138	12/1997	Otesen et al	514	· 485
B	6,040,339	3/2000	Yoshida et al		588
	6,150,415	11/2000	Hammock et al	514	
٦		2/2001	Wood et al	514	363
<u> </u>	6,187,799		Widdowson et al	545	146
Ε	6,211,373	4/2001	·		
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FOREIGN PATENT DOCUMENTS

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Notice of References Cited	Examiner Despak Rao	Art Unit 1624 -	Page 1 of 1
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	1	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates the Raf/MAPK Signaling Pathway and Induces Interleukin-B Expression, Bruder et al., Adenovirus Infection Stimulates Interleukin-B Expression Interleukin-
	υ	Bruder et al., Adenovirus Infection Stimulates the February 1997. Journal of Virology, Vol. 71, No. 1, pp. 398-404, January 1997.
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RACE.	HALEST CO.	Application No. 09/472,23	Applicant(s)	Dumas (et al.		
tice of Refer	ences Cited	Examiner	pak Rao	Group Art Unit 1824	Pa	Page 1 of 1	
		U.S. PATENT DOCUMEN	пз				
DOCUMENT NO.	DATE		NAME		CLASS	SUBCLASS	
6,080,763	6/27/2000	R	egan et al.		514	341	
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	DOCUMENT (In	cluding Author, Title, Source, 2	nd Pertinent Pages)	4-1010			
imone, Oncology: Int	roduction, Cecil Tex	book of Medicine, 20th Ed	idou' Aor I' bb' 100			199	
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9	. DEI	C 1 6 2003		Application/Co	entrol No.	Applicant(s)/Pa	AZ atent Under	
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	***	Notice of References	Cited	Examiner RITA J. DESA	AI .	Art Unit 1625	Page 1 of	1.
				J.S. PATENT DOCUME				
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U.S. Pateril and Trademork Office PTO-892 (Rev. 01-2001) Notice of References Cited

Applicag Application/Control No. Reexam RIEDL ET AL. 09/773,659 Notice of References Cited Art Unit Examiner Page 1 of 1 1625 RITA J. DESAI DEC 1 6 2003 U.S. PATENT DOCUMENTS Classification Country Code-Number-Kind Code Date Name MM-YYYY 514/585 Salituro et al. 07-2000 US-6,093,742 544/314 Breu et al. 06-2001 US-6,242,601 US-C D US-US-Ε US-G US-US-Н US-US-J ĸ US-US-US-М FOREIGN PATENT DOCUMENTS Classification Date Name Document Number Country MM-YYYY Country Code-Number-Kind Code N 0 P Q R S τ . NON-PATENT DOCUMENTS Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) U ٧ W

"A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Oates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001) Notice of References Cited

DEC 1 6 2005	<u> </u>	1	pplication/Con	itroi No.	Applicant(s)/P Reexamination RIEDL ET AL	1)
	Cited	1	xaminer RITA J. DESA		Art Unit 1625	Page 1 of 1
			ENT DOCUME			Classification
	Date	T		Name		514/596 .
Document Number Country Code-Number-Kind Code	MM-YYYY	Dixon et	al			514/539
JS-5,470,882	11-1995	Adams			·	. 514/539
US-5,447,957	09-1995 .	Adams	31 61.			
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.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

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	1	Notice of References		Examiner RITA J. DESAI	Art Unit 1625	Page 1 of 1		
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U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

Notice of References Cited

Application/Control No.	Applicant(s)/Patent Under Reexamination				
09/776,935	DUMAS, JACO				
Examiner	Art Unit				
Mojdeh Bahar	1617	Page 1 of 1			

U.S. PATENT DOCUMENTS -

·T	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classif	ication
-	A .US-6,080,763	06-2000	Regan et al.	-	
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FOREIGN PATENT DOCUMENTS

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J.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 7

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Notice of Refe	erences Cited
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Page 1 of 1

U.S. PATENT DOCUMENTS

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	Document Number Country Code-Number-Kind Code		Kubo et al	514	312	
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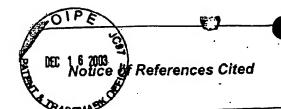
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F	જેજ	lotice of References	Page 1 of 1				
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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Tradamark Office PTO-892 (Rev. 01-2001) Notice of References Cited



Application//Patent Under Reexamilation UDAY ET AL.				
Art Unit 1625	Page 1 of 1			
	Reexamedi UDAY ET AL Art Unit			

U.S. PATENT DOCUMENTS

	Document Number	Date	Name	Classification
	Country Code-Number-Kind Code	MM-YYYY	Henry Martin	562/48
A	US-2722544	11-1955		562/48
В	US-2649476	08-1953	Henry Martin	514/596
С	US-3230141	01-1966	Wilhelm Frick	534/664
D	US-2797214	06-1957	Werner Bossard	
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J.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

Notice of References Cited

/	16	1 6 2000 ce of Reference	es Cited	Application/0 10/042,226	Control No.	Applicant(s)/F Reexamination RIEDL ET AL	in .
	DEC	1 6 2003/04/07	3 Oneu	Examiner		Art Unit	
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Notice of References Cited